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Docket No: Rennich-001

AMENDMENT IN THE SPECIFICATION

Under 37 CFR 1.121(b)(2), replace the entire "BRIEF DESCRIPTION OF THE DRAWINGS" section with the following:

[020] The invention will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

[021] Figure 1 is a perspective view of the preferred embodiment of the external incontinence clamp constructed in accordance with the principles of the present invention;

[022] Figure 2 is a top plan view of the external incontinence clamp of the present invention;

[023] Figure 3 is a sectional view taken along line 3-3 in Figure 2 of the external incontinence clamp of the present invention;

[024] Figure 4 is a back elevation view of an alternate embodiment of the pins a connection pin of the present invention; and

[025] Figure 5 is a perspective view of the connection pin shown in Figure 4.

[026] The same reference numerals refer to the same parts throughout the various figures.

Under 37 CFR 1.121(b)(2), replace the entire "DETAILED DESCRIPTION OF THE INVENTION" section with the following:

[027] Referring now to the drawings, and particularly to ~~FIGS. 1-3~~ Figures 1-5, a preferred embodiment of the external incontinence clamp of the present invention is shown and generally designated by the reference numeral 10.

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[028] In Figure 1, a new and improved external incontinence clamp 10 of the present invention for preventing involuntary voiding of a bladder by restricting urine flow through the urethra of a penis is illustrated and will be described. More particularly, the external incontinence clamp 10 includes a first clamping member 12 and a second clamping member 14, which are rigid and generally rectangular shape and which are coupled together in a spaced relationship by generally U-shaped connection pins 24 and 26 that are generally U-shaped. ~~Both~~ Each member 12 and 14 have a mid portion 16 and two ends 18 and 20. The mid portion 16 is integral with and extends between the two ends 18 and 20. Preferably, the mid portion 16 of each member 12 and 14 is substantially rectangular in shape and is rigid.

[029] Each end 18 and 20 includes a through passage 22 that is formed therethrough along the width thereof and perpendicularly to the mid portion 16. Each passage 22 is adapted for frictionally receiving and are for frictionally receiving the pins 24 and 26. Preferably, the passages 22 have a circular cross-section. The ends 18 and 20 are generally cylindrically shaped and are diametrically larger than the thickness of the mid portion 16. The end 20 of the first member 12 further ~~includes~~ includes a slot 23 which formed through the end and along the ~~extending from an exterior surface of the end to the passage 22 formed through the end~~. The width of the slot 23 is substantially equal to the diameter of the passage 22. The ends 18 and 20 of the second member 14 and the end 18 of the first member 12 each include a slit 25 which is formed transversely across each of the ends from the exterior surface to the passage 22. The slits 25 allow the ends 18 and 20 to expand slightly when the pins 24 or 26 are passed through the passages 22.

[030] The pins 24 and 26 each includes a bridge 32 and two legs 28 and 30 that extend from the bridge and substantially parallel to each other. The legs 28 and 30 may be of equal or of different lengths and are adapted to be frictionally received by the passages 22. Upon inserting the pins 24 and 26 into the passages 22 of the ends 18 and 20 of the first and second clamping members 12 and 14, the members are secured together in a spaced relationship with the mid portions 16 ~~respectively~~ of each clamping member being

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substantially parallel and with their respective ends at a fixed, spaced distance from each other.

[031] The pins 24 and 26 are preferably stainless steel. However, one skilled in the art will appreciate that the pins may be of other materials while still retaining the desired function of the pins without departing from the spirit and scope of the present invention. The first clamping member 12 and the second clamping member 14 can be constructed from any material that affords rigidity to the members and is also hypoallergenic and non-irritating to the skin. Preferably, the first and second members 12 and 14 are constructed from Polyvinyl chloride (PVC).

[032] Now turning to Figures 2 and 3, the new and improved external incontinence clamp 10 of the present invention is illustrated in use positioned on a penis 34. The penis 34 is drawn in broke-line and only a portion thereof is illustrated. The portion of the penis illustrated is a section towards the glans thereof. The penis 34 is positioned and clamped between the first clamping member 12 and the second clamping member 14 to apply pressure to the urethra passage 36, thereby preventing urine from being discharged through the penis. For the clamp 10 to properly function, the center of the urethra passage 36 must be placed as close as possible to a centerline 38 of the clamp. The clamp 10, applies an equal force along the portion of the penis 34 that is in contact with the mid portions 16, thereby minimizing penis slippage to either side of the clamp.

[033] The amount of force applied by the clamp 10 to the penis 34 can be adjusted by varying the length of the bridge 32 of the pins 24 and 26, thereby varying the distance between the legs and between the mid portions 16. Reducing the length of the bridge 32 increases the applied force while increasing the length reduces the applied force. The length of the bridge 32 of the each pin 24 and 26 must be substantially equal so that an equal force is applied to either side of the clamped portion of the penis. The legs 28 and 30 of the pins define a space between the inner facing sides thereof. The bridge 32 can be of a length so that the defined space between the legs is at least about 0.5 inches, preferably from about 0.5 inches to about 0.75 inches. Referring to Figure 4 Figures 4 and 5, in an alternate embodiment, the pins 24 and 26 can have a bridge 32 that is slightly

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bent at a mid point thereof. A user to either increase or decrease the amount of applied force to the penis by the clamp 10 can adjust the degree of the bend of the bridge 32, thereby increasing or decreasing the distance D between the legs of the pin. By increasing the bend degree, the applied force is increased and reducing the bend degree, the force is decreased.

[034] In an additional embodiment, the mid portion 16 of each member 12 and 14 can be formed with a recess for receiving a pad 40 for increasing wearing comfort. A removable sleeve 42 is provided for covering the pad 40 to prevent soiling thereof. Preferably, the pad 40 is closed cell non-liquid foam and the sleeve 42 is constructed from a non-chaffing elastomeric material.

[035] The mid portions 16 of first and second clamping members 12 and 14 are of a length that is at least equal to the width of the penis 34. Preferably, the length of the mid portions 16 is slightly greater than the width of the penis 34 so that the ends 18 and 20 of the first and second clamping members 12 and 14 remain free from contact with the ~~are not in contact with the~~ penis, thereby allowing enough space on either side of the penis to ensure proper blood circulation through the penis.

[036] To position the clamp 10 on the penis 34, the first and second clamping members 12 and 14 may be initially secured together by inserting a pin 24 into the passages 22 defined by the ends 18 of the first and second members. At this point, one leg of the remaining pin 26 maybe inserted to the passage 22 defined by the end 20 of the second member 14. The penis 34 is then positioned between the first and second members, towards the glans of the penis, so that the urethra passage 36 is in close proximity to the centerline 38 of the clamp. Once the penis 34 is correctly positioned, the free leg of pin 26 is then passed through the slot 23 and frictionally ~~snapped~~ snapped into the passage 22 of the end 20 of the first member 12 locking the clamp in position. To pass urine, the